



NICE-TIMES NEWS

CHICAGO AREA TIMEX USERS GROUP

Chicago Area Timex Users Group
Volume 9, Number 2

Downers Grove, Illinois
March/April 1995

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C.A.T.U.G. CLUB OFFICERS

Here is the list of 1995 club officers and how to contact them. Our club has three strong SIGS, TS2068, Z88 and QL. If you have questions about either of these fine machines, or even the ZX81/TS1000/TS1500, call one of the officers. C=312, S=708.

POSITION	NAME	PHONE	PRIMARY FUNCTION
President	Nazir Pashtoon	S439-1679	The buck stops here...
Vice-President	Steve Cooper	S968-3553	Meeting Planning, etc.
Secretary	Larry Sauter	C763-5383	Records and Reporting
Treasurer	Phil Kwitkowski	S584-6710	Dues and Purchasing
Editor	Bob Swoger	S576-8068	Newsletter, BBS, etc.

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NICE-TIMES NEWS

Nite-Times Information

The **Nite-Times News** is the newsletter of the Chicago Area Timex Users Group. For an annual fee of \$12.00 you can become a CATUG member and receive six newsletters each year. Write your check payable to:

**PHIL KWITKOWSKI
2106 DOVER LN
ST CHARLES IL 60174**

The Chicago Area Timex Users Group is pleased to exchange newsletters with other Timex and Sinclair supporting user groups at no charge. Send all newsletter requests to:

**CATUG EDITOR BOB SWOGER
613 PARKSIDE CIRCLE
STREAMWOOD IL 60107-1647**

If you desire to reprint any articles that appear here, please provide credit to the author and this newsletter.

We encourage your user group to copy this newsletter and distribute it at your regular meetings to your members free of any charge as we believe that this will encourage better meeting attendance. If you are a user group that feels as we do, please let us know in your newsletter so that we might do this for our members and keep our attendance up.

Articles originating from our group may be downloaded from our BBS and reprinted.

CONTRIBUTORS TO THIS ISSUE

**Les Cottrell
Jeff DeCourtney
John Donaldson
Marie Kendall
Larry Sauter
Bob Swoger, K9WVY**

CLUB MEETINGS

The Chicago Area Timex Users Group meets on the THIRD Saturday of each month at the home of our Editor, Bob Swoger, from 1:00 to 5:00 PM. Bob's

home is located at 613 Parkside Circle in Streamwood, Illinois near Elgin. Bob should always be contacted evenings at 708/837-7957 to confirm the meeting schedule.

TREASURY NOTES

The balance as of May 1, 1995 is \$495.20 Our current paid membership stands at 19.

Phil Kwitkowski, Treasurer
Chicago Area Timex Users Group

SECRETARY'S NotePad

MARCH 18, 1995

Members present: Abed Kahale, Cy Herre, Phillip Kwitkowski, Jeff DeCourtney, Bob Swoger, Nazir Pashtoon, Larry Sauter, and Bobby Muth.

Meeting began at 2:15 P.M. Gary Lessenberry has some half height disk drives for sale and Phil Kwitkowski is going to purchase all three of them. Phillip also has a RAM disk courtesy of Joan Kealy and he is happy with it. He wished for a color monitor and now he has three. Joan now has a couple of years of Update! as a gift from Phil in return. After seeing the 2068 on the monitor, Phil says the 2068 needs to be adjusted and Nazir suggested that for about \$2.00 he could go RGB and everything will be a whole lot better.

Bob Swoger has been programming a screen dump program that is rather unique and beautiful in that it produced a very large picture of Brooke Shields printed on an EPSON MX-80 printer that the manual says will not print graphics. It took approximately 20 to 30 minutes to print and 2 or 3 hours to program. Bob knew he had it right when it started to write giant letters from the program listing during LPRINT. If Abed can transform it into machine code, it won't take so

long to print a picture as it now does. Bob has finished the software for LogiCall version 6.0 and he is working on the manual for its use. It will be available at RMG and Mechanical Affinity for \$15.00 just before the Dayton ComputerFest.

Tasword Two for LogiCall V6.0 will save and load from tape whereas before it would load only.

Don Lambert sent Nazir some Zebra controllers that were intermittent and Nazir was finally able to repair them since they would work if placed on their side and would fail to work when placed upright.

The last newsletter from LIST brought up the fact that all current computers in existence with a clock and calendar on board will have a hard time when the year reaches 2000 because there has been no provision for changing from 19 to 20 in the computer calendar. That doesn't apply to the Timex TS2068 because it has no clock or calendar. Sinclair ZX machines win again!

Jeff DeCourtney is moving to New Mexico because his folks are moving there to Albuquerque on the North East side. We wish him good luck in getting a new job there and settling down there.

Bob got Print Factory and was disappointed that he could not produce all the great looking pictures that TTSUC could do. He thinks that a bunch of files are missing. Can any of our readers supply Bob with a list of the files that should be included with the Print Factory product? Sync Link used the Print Factory to produce the beautiful covers on their newsletters.

The meeting was adjourned at 3:43 P.M.

April 22, 1995

Members present: Bob Swoger, Nazir Pashtoon, Jeff Decourtney, John Donaldson, Larry Sauter, Abed Kahale and Phillip Kwitkowski.

Bob received a letter from Mr. Paul Holmgren with a check enclosed for the T/SNUG portion of the SNUG assets and a list of names to give the people a choice of a subscription to ZXir QLive Alive! publication, if that be their wishes. Our heartfelt thanks to Mr. Holmgren.

Bob helped a Marie Kendall with a problem she was having and it was solved very easily. She was having a problem with her taxes on VU CALC and her large printer which wouldn't print in vertical, but would print horizontally. Bob dropped her a note telling her to use VU CALC to Tasword to print out the data and it worked for her very nicely. Bob also included a new LarKen instruction manual that is very nicely laid out.

John McMichael from Wyoming has some video digitizer boards and some video cameras and color to gray scale converters to facilitate printing stored video from TV and camcorders to a storage spot on the 2068 to be printed on the large printer.

The meeting was adjourned at 4:08 P.M.

Larry Sauter, Acting Secretary
Chicago Area Timex Users Group

INPUT/OUTPUT

Les Cottrell writes: I am enjoying the big keyboard on my TS2068. I have used my son's color ink jet to make key legends, but I haven't finished the mask yet. Function first, then pretty!

Les Cottrell
108 River Heights Drive
Cocoa, FL 32922-6630

GATOR's TWISTED PAIR

!!!! MMCC BBS !!!!
We have a 24 hour BBS and encourage you to exchange mail and contribute to the Download Section.

Arlington Heights 708-532-5558
Palatine 708-576-7072

Call and Register using your first name, last name and phone number along with a password you won't forget, and WRITE IT DOWN! Do not try to do anything else this first time because all the board options will be locked out.

When you call in the next day, you will have Level 5 security and be able to enjoy full user privileges. The BBS has subdivisions of smaller sections called conferences. Select 'J' for 'Join a Conference' to see the different user groups. Select 'TIMEX' to get into the TIMEX Section. The mail you read there will only be from other TIMEX users. All SIGS share the same bulletins.

ITEMS FOR SALE THROUGH THE CLUB

NAP_Ware (Nazir A. Pashtoon's new endeavor) announces the availability of all Timex or QL PAL (Programmable Array Logic) chips. If interested, call him evenings on 708-439-1679.

SPECIAL DEALS AND BUYS

So you like to fly? The 747 Flight Simulator for Spectrum by Derek Ashton of DACC sold over 40K copies in EUROPE. Requires Spectrum Emulator. At this time supplied on Larken SSDD disk only for \$10 which goes to Derek Ashton, now working at MOTOROLA with Bob Swoger. Call in requests to Bob at W708-576-8068 H708-837-7957

ARTICLES

In order to let the community know that there are plenty of active members out here in the mid-west, we wish to run articles on each of our members and let you know what sort of things they are using their Sinclair machines for. We will use RLEs to let you see their faces and maybe even their computer set-ups.

MEET JEFF DECOURTNEY



Jeff DeCourtney joined CATUG in the Spring of 1994 while he lived in Elmhurst. In all that time he only missed one meeting! Though his interest at the time was in the ZX81/TS1000, a TS2068 was presented to him by the club.

His present main activity with the TS2068 is exploring every program he can get his hands on available on from tapes, magazines and books. Geometric and graphic displays are his present delight. As accessories became available Jeff improved his collection.

At this time Jeff uses a color monitor, G.E. data tape deck, original Sinclair joystick and TS2040 printer. Jeff has been unable to acquire a disk drive interface for his TS2068 so far

as he has relocated to Albuquerque, New Mexico.

When he locates a job there, he hopes to acquire a large printer with interface as well as a disk drive interface. We have yet to hear from him at his new location. An RLE of Jeff is in the Club BBS. Download JEFF.RLE

LIST! Are you LISTening?

by
Bob Swoger

In his June issue of QL Corner, Bob Gilder wrote about Ruth Fegley having "oxidation problems on the interface pins and by pressing the interface towards the QL body tends to remove the oxidation." He also said Bob Malloy four computers with the same symptoms - one or more of the socketed IC's had to be reseated into their respective sockets and the QL's then operated as they should. Also, the Keyboard 90 interface also had to be reseated into its respective socket.

Bob then stated "periodically, all plugged-in devices such as interfaces and IC's should be partially removed and then pushed back into their respective sockets for flawless computer operation without power on!"

Bob!, didn't you get to read NTN Volume 7 Number 5? It states "If you are having trouble with ICs in IC sockets, clean them with tuner cleaner if you wish. Then put some mineral oil in a saucer and dip the IC pins into the mineral oil before inserting the IC into the socket. The IC will go in so much easier!" Earlier in the article it said "Tuner cleaner just doesn't do the job because after the cleaning, no lubricant is left behind so corrosion will set in, not so with mineral oil. Oxygen can't get to the metal any more so

the electrical contact lasts for many years."

Those ICs and connectors should have been installed with high viscosity mineral oil (Squibb comes to mind), a laxative obtained at the corner drug store and applied with a tooth pick on the connector or by placing the ICs in a bowl with just a little mineral oil at the bottom as describe in the NTN7.5 issue. Someone at Motorola came to the realization that if mineral oil could keep people cleaned out that in might work on connectors and, I don't know why, but it did!

I'm afraid that Bob Malloy and Ruth Fegley will be back time and time again until mineral oil is used on those pins and connectors. I give you this information with 30 years experience at Motorola as we have used this trick to keep our connectors from going intermittent and there are no more intermittent connections here in CATUG country anymore!

GET OUT THE MINERAL OIL!

Saving TS2068 Programs

by
Bob Swoger

Marie Kendall asked how to completely save a TS2068 program. Some programs in to LogiCall collection of drives have such saves. VU-CALC, VU-FILE come to mind when one thinks of programs that has start up screens to contend with.

Let us take VU-CALC for example. What this program has to save all at one moment is the BASIC driver VUCALC.B1, the screen file vc.C\$ and the machine code program vc.C1. At the moment of the request to save the program, the BASIC driver and the machine code program are both in memory but the start-up screen is not!

It was decided that the easiest way to save the whole program when the user might have only one disk drive would be to have the user start the save with the original disk in the drive. The screen could then be bought into memory. Once that was accomplished, the user could put the destination disk into that same drive and complete the save routine with a simple press of the ENTER key. To save RAM space, it was decided that the save instructions would be placed in the manual and not in the program! (Sorry for that inconvenience, folks!) The following statement was put into the manual:

"Most users like to have a separate disk to store VU-CALC and VU-FILE data along with a copy of the application. Both of these drivers have a unique save routine which allows you to save the entire program to another disk. When you select the option to save the program, the save routine calls the screen code into RAM and, **WITHOUT TELLING YOU**, waits for you to press ENTER to proceed with the save. Before pressing ENTER you can put a new disk into the current drive, press ENTER and the entire program (driver, machine code file and screen file) will be **SAVED** on the new disk."

To permit the user to save this program to disk I had to set up a menu in BASIC to which the machine code program could be directed. With VU-CALC running and the menu bar at the top of the screen, #q is the way out to the SAVE menu. When the user selects the option to save the program, the user response directs the program pointer to line 9992. The SAVE routine looks something like this:

```
9992 RANDOMIZE USR 100: LOAD "v
c.C$"SCREEN: PAUSE 0: RANDOMIZE
USR 100: SAVE VUCALC.B1" LINE 1
: RANDOMIZE USR 100: SAVE "vc.C
$"SCREEN: RANDOMIZE USR 100: SA
VE "vc.C1" CODE 32768,1048
```

```
9998 RANDOMIZE USE 100: LOAD "L
.B1"
9999 SAVE VUCALC.B1" LINE 1: RA
NDOMIZE USR 100: LOAD "vc.C$"SC
REEN: SAVE "vc.C$"SCREEN: SAVE
"vc.C1"CODE 32768,1048
```

ADS

To put an AD in the BBS and newsletter, upload a file with the filename.filetype:

FSxxx.ADS
where xxx is your initials.
!!! Our ADS are free !!!

Your ADS appear in FOUR different newsletters!

FOR SALE 950627

TEKTRONIX 535A with calibrated scope & Dual Trace 1A1 preamp w/manual.....\$99
North Hills Electric CS-120 Precision Current Source 1 ua to 10 ma in 1 ua steps. Up to 2700VDC\$25
Electronic Measurements Co. Programmable power supply 0 - 50VDC 0 - 500ma Analog meters\$25
Electronic Measurements Co. Regatron Programmable power supply 0-600VDC 0-200ma Analog meters\$25
Heathkit IG-28 Color bar and dot generator\$15
All in good working condition
Hoffnan Estates (708)885-4337

WANTED 950724

Cathy Barron needs good used model Commadore 1571 disk drive for Commadore 128 computer or a new one if price is good.
Contact Bob Kirkpatrick WA9SLT

FOR SALE 950627

1. HARDWARE: ZX-81 Computer, TS-1000 Computer Case, ZX-16K RAM (Qty 2), TS-1016 RAM Pack, and TS-1000 Winky Board.
2. SOFTWARE ON CASSETTE:
Backgammon Frogger Word Sinc States and Capitals
Total Triangles
Conversational Spanish
Conversational German

Conversational French
3. SCHEMATICS: TS1000 Computer
TS-1016 RAM Pack ZX-81 Computer
and ZX-16K RAM Pack.

I would like to get \$20 for the
entire package, but, any offer
will be considered and probably
taken! Either leave email or
give me a call (708) 360-1549
if you're interested.

Gary Lessenberry

FOR SALE: 950503

Macintosh Software for sale:
Think Pascal 4.0 \$60
DiskTop 4.5 \$10
Sensei Geometry \$10
Writer's Helper \$5
Destination Mars
(Educational Game) \$10
Spectre VR
(Networkable Tank warfare) \$10
El Fish (Aquarium Graphics) \$10
Tempo II (Macro Program) ... \$10
Tempo EZ (Tempo II Lite) \$5
Vantage
(Text Processor Desk acsry) . \$5
Contact: Doug Eaton 708-576-2116

FOR SALE 950501

MS-DOS/Windows items. All
items are in good working
order and include manuals and
disks.
Note: All disks and manuals are
originals and not pirated.

Word Perfect 5.0 Terminal Plus
Global Domination Space 1889
Chess Master 4000 CA Realizer
Timeworks publish-it
Visual BASIC V1.0
Visual BASIC/Norton prog. srs
VB How-to vol. 1 & 2
Learn Programming w/VB
Programmers intro. to VB
ST:TNG Screen Saver
Sherlock Holmes detective
Games Platinum f/Windows
Untouchable /Windows anti-virus
Fastback Express f/Windows
Dark Queen Krynn Time 1990
Almanac Populous
QuickStart PC joystick
SEGA Genesis w/ 5 games
Windows resource kit
Time Table of arts & entert.
Time Works Multimedia Encyclop.
MS-Publisher Dungeon Master

Conflict (War Game)
Chess Master 2100
Call: Carl Daugherty
4630 Tacoma Avenue
Lorain, OH 44055
216-277-5881 w/Best offer

WANTED 950420

LarKen Disk Drive Interface for
the TS2068. Ferdinand Gunther
1307 Shaw, Moses Lake WA 98837

FOR SALE 950125

HARDWARE.....
COCO3 512K W/KEYBOARD EXTENDER
COCO3 128K BRAND NEW NEVER USED
RS-232 DELUXE MODEM PACK W/CBL
DUAL DISK DRIVES (5.25" & 3.5")
W/DISK DC-7 CONTROLLER
ADOS3 W/ORG. DISKS
SEGEATE 40 MEG H.D. W/ BURKE &
BURKE CONTROLLER (W/ CLOCK)
CASSETTE CCR-81 W/ CABLE

ROM-PAKS. (UNLIKELY ANY MANUALS)
.CHESS..RAD WARRIOR..TYPEMATE..
.SPECTACULATOR..EDTASM+..TETRIS
.SOKO-BAN..DOWNLAND...ROBOCOP..
.SUPER PITFALL....DRAGON FIRE..
.THEDXER(2).....MIND ROLL..
.SPRINGER..CASTLE OF THAROGGAO

Deluxe JOYSTICKS (&SPARE PARTS)

HARDRIVE IS LOADED WITH MOST
HARDRIVE SOFTWARE LISTED ABOVE,
PLUS MOST 'MV' PATCHES APPLIED,
CONTAINS 'SHELLPLUS', PLUS MANY
DOWNLOADED SOFTWARE FROM
DELPHI... I AM NOT SURE IF
SELLING THE H.D. AS IS WOULD BE
IN VIOLATION OF COPYRIGHT LAWS.
IF SO, I WILL DELETE EVERYTHING
EXCEPT THE OS9, MV AND BOOT
SETUP.

SOFTWARE.....
NOTE: THESE ARE ORIGINAL DISKS
(SOME WITH MANUALS)

RS-DOS.....
TCE PROOFREADER....KIDS ON KEYS
TCE BUSINESS WRITER.....ADOS 3
EXTENDED ADOS3.....COLORSCAN
COCO MAC III W/COLOR DRIVER....
WARRIOR KING.....MINE RESCUE
SUPER TAPE/DISK TRANSFER..ROGUE
PRINT SPOOLER / ROMCRACK ..BASH
COLOR COMPUTER ARTIST..D.L.LOGO
LEISURE SUIT LARRY...SUB BATTLE

GHANA BWANA...MICRO ILLUSTRATOR
 SHAMUS..CRYSTAL CITY..KIDWRITER
 ALPHABET ZOO.....GOLDFINDER
 DESERT RIDER.....UTILITIES DISK
 MONEYOPOLY.....CARMEN SANDIEAGO
 RAINBOW INDEXES (4 DISKS)..Z-89
 MICKEY'S SPACE ADV.....DISKMAX
 FRACTION FEVER.....SEASTALKER
 MARTYS NIGHTMARE..KINGQUEST III
 DISK UTIL 2.1
 T&D DISK #46
 T&D DISK #50
 T&D DISK #55
 T&D DISK #56
 T&D DISK #58
 T&D DISK #4 UTILITIES

OS9.....
 OS9 LEVEL II.....SHELLMATE
 LEVEL 2 TOOLS.....TOOLS 2
 MULTI-VIEW.....DESKMATE 1
 ZCLOCK..QUICKLETTER..ICON BASIC
 KRONIS RIPT..CYBERVOICE...M-RAM
 HYPER I/O.....COCO XT-RTC
 DONALD DUCK PLAYGROUND...XT-ROM

MISC.....
 COCO MAX II (NOT WORKING?)
 MISC. ISSUES OF RAINBOW FROM
 1983 TO PRESENT - MISC RAINBOW
 BOOKS (OS9 & RSDOS)

WILL SELL ALL AS A BUNCH OR
 INDIVIDUALLY - - MAKE AN OFFER.
 CASHIER'S CHECK ONLY.

LEAVE MAIL ON DELPHI (RCPOLK)
 Email rcpolk@delphi.com or
 richp@comm.mot.com THANK-YOUC

FOR SALE 950123

 Memotech 32K RAMPACK - great
 shape used a couple times then
 somehow my machine died - now
 if you have a ZX81 or T/S-1000
 that needs it ...
 !!!!!!!!!!!!! ALSO !!!!!!!!!!!!!
 MemoCalc Spreadsheet Pack Great
 shape and still works. Want a
 spreadsheet that's instant on?
 Memocalc is for you! It'll use
 whatever RAMPACK you have. This
 is a great pair of products!
 They both come with the little
 booklet they give you with it.
 I would like \$15 each or \$25
 for BOTH! What a deal! Shipping
 included!
 D.G.Smith, R.415 Stone St.,
 Johnstown PA 15906-1609
 (814)535-6998. Thank you ;>

FOR SALE 950123

 I also have a 'sort of' working
 Atari 800XL with a DISK DRIVE!
 The keyboard needs to be fixed
 - when plugged in the computer
 is dead and when you unplug it
 it works (huh?) I've a small
 quantity of disks for above
 system and some parts that seem
 to go with it - make a
 reasonable offer above \$45 U-
 FIX and save [or send it to Dan
 Elliot and he'll fix it CHEAP!]
 D.G.Smith, R.415 Stone St.,
 Johnstown PA 15906-1609
 (814)535-6998. Thank you ;>

FOR SALE 950123

 Tandy CoCol with Extended BASIC
 and over 3 Dozen (Rainbow/Hot
 Coco or whatever) mags and some
 Disks with a disk interface
 that plugs into the cartridge
 slot. If have some tapes also
 and manuals and other assorted
 goodies. I'm looking for at
 least \$80 for ALL - I even have
 the color mouse and a hires
 interface as well as a Videotex
 cartridge.
 D.G.Smith, R.415 Stone St.,
 Johnstown PA 15906-1609
 (814)535-6998. Thank you ;>

WANTED: 950123

 Any screen dumps, drivers, or
 programs permitting the use of
 Radio Shack CGP-115 Color
 Graphic Printer (4-pen plotter)
 with the T/S 2068. Tape, JLO,
 or LarKen. ALSO: Looking for PC
 Magazine, Volume 3 Number 23
 Nov.27,1984?
 D.G.Smith, R.415 Stone St.,
 Johnstown PA 15906-1609
 (814)535-6998. Thank you ;>

FOR SALE 950103

 PACKARD BELL 486 DX24 20M HD
 3.5 FDD TAPE B/U 2X CDROM DRIVE
 MSMONEY MSWORKS \$1000 OBO
 DAVE 708-205-2843

FOR SALE 950103
 %%%
 486SX 25MHZ PC 170M HD 14" .28
 SVGA MONITOR 2M RAM 2400 MODEM
 SOUND BLASTER MOUSE WINDOWS 3.1
 DOS 6.2 3.5 & 5.25 FDD \$800
 PAUL 708-830-5177

FOR SALE 941205
 %%%
 NEC Laptop w/ext FDD & RAM
 1S/1P port int MODEM built in
 WORDSTAR Spreadsheet Telecom
 S/W Lt wt - int monitor \$200
 OBO 708-359-7293

FOR SALE 941205
 %%%
 286AT 1MB RAM 30 MB HD 360K &
 1.44 MEG FDDS MINI TOWER MODEM
 MOUSE 2S/1P ports DOS 6.2 &
 Windows 3.1 Lotus EGA \$450,
 mono #\ \$300 OBO 708-359-7293

FOR SALE 941205
 %%%
 MAC Classic w/software w/Apple
 dot matrix printer. \$550
 David 708-381-6715

FOR SALE 941205
 %%%
 Hygain TH3 Jr Tri-band Beam
 w/balun & rotor exc condition
 \$175 OBO Dave 708-991-6810

FOR SALE 941107
 %%%
 Zenith Easy-PC 20 mg hard drive
 B/W monitor 3 1/2" FDD easy to
 use. \$200 OB. 708-228-1042

FOR SALE 941107
 %%%
 IBM XT Turbo 20mg HD 512K RAM
 VGA monitor w/Epson LQ-510 24
 pin printer US Robotics extrnl
 modem \$200 for all.
 708-726-0650

FOR SALE 941107
 %%%
 Atari 800 48K + BASIC cart.
 FDD, interface module
 printer modem color monitor
 150+ game disks word processor
 4 joy sticks \$85 OBO
 Dan 708-359-7293

FOR SALE 941107
 %%%
 IBM AT CLONE 40M HD mono VGA
 640K mouse 2400B modem 287 C\P,
 lots of s/w 360K & 1.4M FDD
 & more
 \$350 OBO Dan 708-359-7293

FOR SALE 941107
 %%%
 IBM XT CLONE 20mg HD CGA mono
 640K RAM 360K FFD lots of s/w
 \$175 OBO Dan 708-359-7293

FOR SALE 94110
 %%%
 MAC Powerbook 165c 4/80 4MB RAM
 80 MB HD blt in 1.4M Superdrive
 33 MHz 68030 Color 14.4 int fax
 modem & software \$1400
 708-582-0916

FOR SALE 940914
 %%%
 NEC CD-ROM gen. ref. bundle
 upgrade MAC version. Never used
 Including 4 software discs,
 disc house, install. disketts &
 2 Koss SA/30 amp spkrs. Make
 offer to Randy 708-468-1927

FOR SALE 940914
 %%%
 New unopend fax/modem Practical
 Peripherals 14400 v32bis with
 lifetime warranty\$100
 4-4mb memory chips, barely used
 Priced at \$120 each or \$450 for
 all four. Call 312-928-6847

FOR SALE 940914
 %%%
 MAC Plus 1Mb/128K\$150
 Image Writer II\$100
 Robert 708-374-8612

FOR SALE 940914
 %%%
 Compudine 386SX 16MHz, 5M RAM
 60M HD doubled to 113M SugarVGA
 3.5" HD sound blaster card, 2400
 Baud int modem DOS 6.2 \$750 OBO
 Dan or Teri 708-884-9035

FOR SALE 940914
 %%%
 Super Nintendo game. Super Star
 Wars - Like new in original box
 & instructions\$25
 Frank Cerny 447-6503

FOR SALE 940914
 %%%
 YEASU FT101B w/Shure 44 deskmic
 + finals. Excellent condition.
\$330 OBO
 Mark after 6 pm 358-3388

FOR SALE 940914

 Computer XT 640Kb, 20meg HD,
 1 FDD PMP screen, Ser¶llel
 ports. Lots of useful s/w:
 Wordstar, Spreadsheet, etc.
 Good starter for the home &
 easy to use.\$175 OBO
 Dan 708-359-7293 eves.

FOR SALE 940914

 Laptop Computer - NEC w/ext FDD
 mon RAM int modem ser/prnt prts
 s/w in ROM Wordstar, Filer,
 Spreadsheet, Comm. Lt. weight -
 great for student.
\$250 OBO Dan 708-359-7293

WANTED 940902

 Any information such as catalog
 description, owners manual, or
 service manual (to buy or copy)
 for a Radio Shack Realistic
 STA-2250, Model 31-2095 Digital
 Broadcast Stereo AM/FM HI-FI
 receiver about 1983 vintage.
 Frank Cerny 708-576-2443 days
 8922 W 24TH ST
 N RIVERSIDE IL 60546

FOR SALE 940714

 Zenith Easy-PC 20 mg hard drive
 B/W monitor 3 1/2" FDD easy to
 use. \$200 OB. 708-228-1042

FOR SALE 940714

 IBM XT Turbo 20mg HD 512K RAM
 VGA monitor w/Epson LQ-510 24
 pin printer US Robotics extrnl
 modem \$200 for all. 708-726-0650

FOR SALE 940714

 Atari 800 48K + BASIC cart. FDD
 interface module printer modem
 color monitor 150+ game disks
 word processor 4 joy sticks
 \$85 OBO Dan 708-359-7293

FOR SALE 940714

 IBM AT CLONE 40mg HD mono VGA
 640K RAM mouse 2400B modem
 287 C\P, lots of s/w 360K &
 1.4M FDD & more
 \$350 OBO Dan 708-359-7293

FOR SALE 940714

 IBM XT CLONE 20mg HD CGA mono
 640K RAM 360K FFD lots of s/w
 \$175 OBO Dan 708-359-7293

FOR SALE 940714

 CoCo3 hardware, software,
 publications. Contact:
 Chester Jaffee
 PO BOX 5369
 Berkeley CA 94705

FOR SALE 940603

 SWTPC 6809 system. Includes
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